

Converting Colors

XYZ(14.5983, 25.5046, 6.7091)

Have a look what the booklet for
XYZ(14.5983, 25.5046, 6.7091)
contains.

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Color

**XYZ(14.7066, 25.6751,
6.7654)**

Conversions

Conversions Part 1

Format	Color
Hex	3E9E2E
RGB	62, 158, 46
RGB Percent	24%, 62%, 18%
CMY	0.7569, 0.3804, 0.8196
CMYK	0.61, 0.00, 0.71, 0.38
HSL	111°, 55%, 40%
HSV	111°, 71%, 62%
XYZ	14.7066, 25.6751, 6.7654
YIQ	116.5280, -21.2640, -55.1840

Conversions

Conversions Part 2

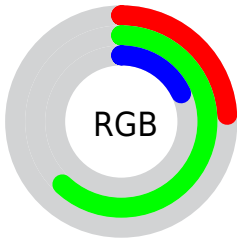
Format	Color
RYB	46, 158, 142
Decimal	4103726
CIELab	57.73, -49.36, 47.90
CIELCh	58, 68.783, 135.861
Yxy	25.6751, 0.3119, 0.5446
Android (android.graphics.Color)	4282293806 (0xFF3E9E2E)
YUV	116.5280, -34.7703, -47.8211
Hunter-Lab	50.6706, -36.8658, 27.5532

Details


The XYZ color **14.7066, 25.6751, 6.7654** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **18.3053, 10.1743, 33.3482**, and the grayscale version is **16.8718, 17.7505, 19.3303**.

A 20% lighter version of the original color is **33.9969, 52.9680, 19.9873**, and **5.0516, 10.1032, 1.6839** is the 20% darker color. If you saturate the color by 10%, you get **13.7049, 25.1891, 5.3816**, and if you desaturate by 10%, it is **16.0359, 26.3183, 8.7640**.

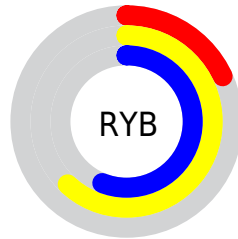
Distribution



 Red (24%)

 Green (62%)

 Blue (18%)




 Red (18%)

 Yellow (62%)

 Blue (56%)

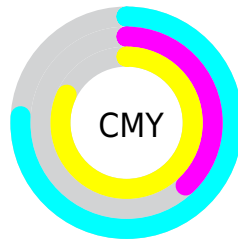


 Cyan (61%)

 Magenta (0%)

 Yellow (71%)

 Black (38%)



 Cyan (76%)

 Magenta (38%)

 Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7066, 25.6751, 6.7654 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 14.7066, 25.6751, 6.7654 by changing the saturation by 10% instead.

■ 14.7066, 25.6751,
6.7654

■ 14.7066, 25.6751,
6.7654

215.0072,
281.1835, 175.2562

■ 8.6987, 16.5807,
3.2396

■ 33.9135, 52.7503,
20.0044

■ 4.6007, 9.9360,
1.2182

■ 47.8433, 71.5000,
30.5548

■ 2.0473, 5.3566,
0.0000

■ 65.1444, 94.2369,
44.2837

■ 0.6603, 2.4580,
0.0000

■ 86.1821, 121.3454,
61.6098

■ 0.0000, 0.8555,
0.0000

■ 111.3220,
153.2099, 82.9515

■ 0.0000, 0.0000,
0.0000

■ 140.9292,

190.2148, 108.7275

175.3691,
232.7446, 139.3562

■ 14.7066, 25.6751,
6.7654

■ 14.7066, 25.6751,
6.7654

■ 13.7049, 25.1891,
5.3816

■ 16.0359, 26.3183,
8.7640

■ 12.9996, 24.8434,
4.5400

■ 17.7166, 27.1273,
11.4359

■ 12.5709, 24.6318,
4.0919

■ 19.7724, 28.1140,
14.8345

■ 22.2244, 29.2883,
19.0077

■ 25.0921, 30.6591,
23.9990

■ 28.3937, 32.2351,
29.8489

■ 32.1462, 34.0241,
36.5950

■ 36.3659, 36.0339,
44.2730

■ 41.0681, 38.2715,
52.9162

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



20.3239, 25.6751, 3.0819



14.7066, 25.6751, 6.7654



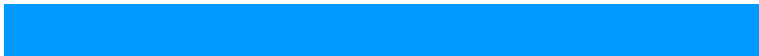
12.0371, 25.6751, 18.2709

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.7066, 25.6751, 6.7654



20.7336, 25.6751, 99.0916



43.0397, 25.6751, 17.2969

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



14.7066, 25.6751, 6.7654



18.3053, 10.1743, 33.3482

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



43.2198, 25.6751, 40.5714



14.7066, 25.6751, 6.7654



28.9953, 25.6751, 98.2735

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.7066, 25.6751, 6.7654



14.9481, 25.6751, 74.8075



37.6330, 25.6751, 72.9646



37.1854, 25.6751, 6.3979

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14.7066, 25.6751, 6.7654



11.7908, 25.6751, 32.8504



37.6330, 25.6751, 72.9646



43.8039, 25.6751, 23.5733

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



14.7072, 25.6762, 6.7660



45.2721, 55.5345, 43.0655



24.1492, 26.5764, 6.4421



9.8882, 12.3681, 9.1516



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.7072, 25.6762, 6.7660



24.0852, 45.3492, 8.7790



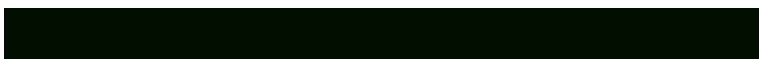
15.0020, 25.6948, 12.8056



6.6345, 7.4443, 7.0729



10.0891, 19.7378, 3.2780



0.2024, 0.3643, 0.0596

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



18.3053, 10.1743, 33.3482



30.8644, 15.3432, 60.0782



18.3962, 10.5509, 18.4578



6.8110, 6.7065, 8.3422



13.0262, 6.1442, 26.4066



0.2561, 0.1218, 0.4732

Previews

White Background



This preview shows how the XYZ color 14.7066, 25.6751, 6.7654 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 14.7066, 25.6751, 6.7654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7066, 25.6751, 6.7654

Background



This preview shows how black text looks on a background with the XYZ color 14.7066, 25.6751, 6.7654.



This preview shows how white text looks on a background with the XYZ color 14.7066, 25.6751,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

14.7066, 25.6751, 6.7654

Protanopia

22.8151, 25.2071, 5.7608

Deuteranopia

25.6247, 25.1760, 7.2503



Tritanopia

20.7784, 25.7092, 36.6681

Trichromacy



Original Color

14.7066, 25.6751, 6.7654

Protanomaly

18.4466, 24.4902, 6.0403

Deuteranomaly

19.5048, 24.1230, 6.8770

Tritanomaly

17.6401, 25.3842, 21.1094

Monochromacy



Original Color

14.7066, 25.6751, 6.7654

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.0694, 19.7992, 12.9249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7066, 25.6751, 6.7654 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(62, 158, 46)` looks like.

```
.text, #text, p{  
    color:rgb(62, 158, 46)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(62, 158, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 158, 46) }
```

Border

The CSS property to change the border of an element to XYZ 14.7066, 25.6751, 6.7654 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(62, 158, 46) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(62, 158, 46) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(62, 158, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 158, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 158, 46);  
box-shadow:4px 4px 4px 4px rgb(62, 158,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7066, 25.6751, 6.7654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 158, 46) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(62, 158,  
46) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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